



Pacheco Reservoir



SCVWD Water Reliability Program WIFIA Loan Application

Title: Santa Clara Valley Water District
Pension and Other Postemployment
Benefits Changes in Liability Schedules

File Name: B.7.b_SCVWD Pension and
OPEB Changes in Liability Schedules

Description: Net Pension and Other
Postemployment Benefits Liabilities and
Annual Changes to Liabilities for SCVWD

April 2022

VALLEY WATER
Schedule of Changes In Net Pension Liability and Related Ratios
June 30, 2021
Last 10 Years*
(Dollars in Millions)

	2015	2016	2017	2018	2019	2020	2021
Total pension liability							
Service cost	\$ 14.3	\$ 13.7	\$ 13.8	\$ 15.7	\$ 16.0	\$ 16.5	\$ 17.0
Interest on total pension liability	46.3	48.8	51.1	53.1	54.9	58.4	61.6
Differences between expected and actual experience	-	(0.2)	(3.2)	(4.7)	(1.4)	13.3	10.7
Changes in assumptions	-	(12.0)	-	44.3	(8.1)	-	-
Benefit payments, including refunds of employee contributions	(25.0)	(27.8)	(30.4)	(32.5)	(35.3)	(38.4)	(42.2)
Net change in pension liability	35.6	22.5	31.3	75.9	26.1	49.8	47.1
Total pension liability, beginning	622.2	657.8	680.3	711.6	787.5	813.6	863.4
Total pension liability, ending (a)	<u>\$ 657.8</u>	<u>\$ 680.3</u>	<u>\$ 711.6</u>	<u>\$ 787.5</u>	<u>\$ 813.6</u>	<u>\$ 863.4</u>	<u>\$ 910.5</u>
Plan fiduciary net position							
Contributions - employer	\$ 13.8	\$ 15.2	\$ 17.0	\$ 19.0	\$ 20.1	\$ 26.6	\$ 29.8
Contributions - employee	9.0	6.2	6.6	6.6	7.0	7.6	7.6
Net investment income	75.7	11.5	2.8	56.5	47.2	39.3	31.6
Benefits payment	(25.0)	(27.8)	(30.4)	(32.5)	(35.3)	(38.4)	(42.2)
Administrative expenses	-	(0.6)	(0.3)	(0.7)	(0.9)	(0.4)	(1.0)
Other miscellaneous income / (expenses)	-	-	-	-	(1.6)	-	-
Net change in fiduciary net position	73.5	4.5	(4.3)	48.9	36.5	34.7	25.8
Plan fiduciary net position, beginning	434.7	508.2	512.7	508.4	557.3	593.8	628.5
Plan fiduciary net position, ending (b)	<u>\$ 508.2</u>	<u>\$ 512.7</u>	<u>\$ 508.4</u>	<u>\$ 557.3</u>	<u>\$ 593.8</u>	<u>\$ 628.5</u>	<u>\$ 654.3</u>
Net pension liability, ending (a - b)	<u>\$ 149.6</u>	<u>\$ 167.6</u>	<u>\$ 203.2</u>	<u>\$ 230.2</u>	<u>\$ 219.8</u>	<u>\$ 234.9</u>	<u>\$ 256.2</u>
 Plan fiduciary net position as a percentage of total pension liability	 77.26%	 75.36%	 71.44%	 70.77%	 72.98%	 72.79%	 71.86%
Covered payroll	\$ 77.9	\$ 78.0	\$ 79.6	\$ 84.1	\$ 88.5	\$ 92.1	\$ 97.3
Net pension liability as a percentage of covered payroll	192.04%	214.87%	255.28%	273.72%	248.36%	255.05%	263.31%
Discount rate	7.50%	7.65%	7.65%	7.15%	7.15%	7.15%	7.15%

* Fiscal year 2015 was the first year of GASB 68 implementation, therefore only 7 years are shown.

VALLEY WATER
Schedule of Employer Pension Contributions
June 30, 2021
Last 10 Years*
(Dollars in Millions)

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Actuarially determined contribution	\$ 13.9	\$ 16.5	\$ 18.6	\$ 19.7	\$ 25.4	\$ 28.3	\$ 31.6
Contributions in relation to the actuarially determined contribution	(13.9)	(16.5)	(18.6)	(19.7)	(28.4)	(31.3)	(34.6)
Contribution Deficiency/(Excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (3.0)</u>	<u>\$ (3.0)</u>	<u>\$ (3.0)</u>
Covered payroll ⁽¹⁾	\$ 78.0	\$ 79.6	\$ 84.1	\$ 88.5	\$ 92.1	\$ 97.3	\$ 100.0
Contribution as a percentage of covered payroll	17.82%	20.73%	22.12%	22.26%	27.58%	29.09%	31.60%

⁽¹⁾ The covered payroll noted on this page is different from the covered payroll presented on the previous page as the previous page is payroll related to the net pension liability in the applicable measurement period.

The covered payroll for the current year is from the actuarial valuation study using a prior year measurement date, adjusted to the current year using a 2.75% increase.

* Fiscal year 2015 was the first year of GASB 68 implementation, therefore only 7 years are shown.

VALLEY WATER

Schedule of Changes In Net OPEB Liability and Related Ratios

June 30, 2021

Last 10 Years*

(Dollars in Millions)

	2018	2019	2020	2021
Total OPEB liability				
Service cost	\$ 2.9	\$ 2.9	\$ 2.6	\$ 2.5
Interest on total OPEB liability	12.0	12.5	12.9	12.8
Effect of change in actuarial assumptions/methods	-	-	(5.5)	-
Benefits payment	(8.5)	(8.9)	(10.1)	(10.3)
Other liability experience loss / (gain)	-	-	(8.0)	0.2
Net change in OPEB liability	6.4	6.5	(8.1)	5.2
Total OPEB liability, beginning	167.8	174.3	180.8	172.7
Total OPEB liability, ending (a)	\$ 174.2	\$ 180.8	\$ 172.7	\$ 177.9
Plan fiduciary net position				
Contributions	\$ 11.5	\$ 11.9	\$ 10.1	\$ 10.3
Benefits payment	(8.5)	(8.9)	(10.1)	(10.3)
Expected investment income	6.2	7.1	7.7	8.7
Investment experience (loss) / gain - differences				
between expected and actual experience	2.9	0.8	(1.1)	(4.6)
Administrative expense	-	-	(0.1)	(0.1)
Net change in fiduciary net position	12.1	10.9	6.5	4.0
Plan fiduciary net position, beginning	84.5	96.6	107.5	114.0
Plan fiduciary net position, ending (b)	\$ 96.6	\$ 107.5	\$ 114.0	\$ 118.0
 Net OPEB liability, ending (a - b)	\$ 77.6	\$ 73.3	\$ 58.7	\$ 59.9
 Plan fiduciary net position as a percentage of total OPEB liability	55.45%	59.46%	66.07%	66.33%
Covered payroll	\$ 84.1	\$ 88.5	\$ 92.1	\$ 97.3
Net OPEB liability as a percentage of covered payroll	92.27%	82.82%	63.74%	61.56%
Discount rate	7.28%	7.28%	7.28%	7.28%

* Fiscal year 2018 was the first year of GASB 75 implementation, therefore only 4 years are shown.

VALLEY WATER
Schedule of Employer Other Post Employment Benefit Contributions
June 30, 2021
Last 10 Years*
(Dollars in Millions)

	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
Actuarially determined contribution	\$ 9.5	\$ 10.2	\$ 10.8	\$ 11.0
Contributions in relation to the actuarially determined contribution	<u>(12.5)</u>	<u>(10.2)</u>	<u>(10.8)</u>	<u>(11.0)</u>
Contribution Deficiency / (Excess)	<u>\$ (3.0)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Covered payroll ⁽¹⁾	\$ 88.5	\$ 92.1	\$ 97.3	\$ 100.0
Contribution as a percentage of covered payroll	14.12%	11.07%	11.13%	11.00%

⁽¹⁾ The covered payroll noted on this page is different from the covered payroll presented on the previous page as the previous page is payroll related to the net OPEB liability in the applicable measurement period.

The covered payroll for the current year is from the actuarial valuation study using a prior year measurement date, adjusted to the current year using a 2.75% increase.

* Fiscal year 2018 was the first year of GASB 75 implementation, therefore only 4 years are shown.